

PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|---|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER ASZD-P01-750 U.S. APPLICATION NO. (If known, use 37 CFR 1.5) 10/521428 |
| INTERNATIONAL APPLICATION NO. PCT/GB2003/003067 | INTERNATIONAL FILING DATE 14 July 2003 | PRIORITY DATE CLAIMED 17 July 2002 |
| TITLE OF INVENTION SPLICE VARIANT CANNABINOID RECEPTOR (CB1B) | | |
| APPLICANT(S) FOR DO/EO/US Vu et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | |
| 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. | | |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | |
| a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). | | |
| b. <input type="checkbox"/> has been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). | | |
| a. <input type="checkbox"/> is attached hereto. | | |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). | | |
| b. <input type="checkbox"/> have been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | |
| d. <input checked="" type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). | | |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. <input type="checkbox"/> A preliminary amendment. | | |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. | | |
| 15. <input checked="" type="checkbox"/> A substitute specification. | | |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter. | | |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |
| 20. <input checked="" type="checkbox"/> Other items or information: Postcard Marked-Up Specification | | |

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|---------------------------------------|--|--|--|--|--|
| U.S. APPLICATION NO. 10/521428 | | INTERNATIONAL APPLICATION NO. PCT/GB2003/003067 | | ATTORNEY'S DOCKET NUMBER ASZD-P01-750 | |
|---------------------------------------|--|--|--|--|--|

21. The following fees are submitted:

| | Applicant Use | Office Use Only |
|--|--------------------|-----------------|
| <input checked="" type="checkbox"/> a) Basic national fee \$300.00 | \$ 300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee \$200.00 | \$ 200.00 | |
| <input checked="" type="checkbox"/> c) Search fee \$500.00 | \$ 500.00 | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | \$ 1,000.00 | |

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE |
|--------------|--------------|---|------------|
| 27 - 100 = | /50 = | | x \$250.00 |

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE |
|---|--------------|--------------|--------------------|
| Total claims | 34 - 20 = | 14 | x 50.00 |
| Independent claims | 12 - 3 = | 9 | x 200.00 |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | + 360.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | \$ 3,860.00 |

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL = \$ 3,860.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

TOTAL NATIONAL FEE = \$ 3,860.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.

TOTAL FEES ENCLOSED = \$ 3,900.00

| | | |
|------------------------|--|----|
| Amount to be refunded: | | \$ |
| Amount to be charged: | | \$ |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 18-1945 in the amount of \$ 3,900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

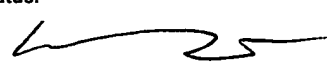
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1945. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Patricia Granahan, Sc.D.
ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7449
CUSTOMER NUMBER: 28120


 SIGNATURE: _____
 NAME: Weishi Li

 53,217
 REGISTRATION NUMBER

| | | | | |
|---|------|--------------------------|-----------------------|--------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | | Complete if Known | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Application Number | Not Yet Assigned | |
| | | Filing Date | Concurrently Herewith | |
| | | First Named Inventor | Huy Khang Vu | |
| | | Examiner Name | Not Yet Assigned | |
| | | Art Unit | N/A | |
| TOTAL AMOUNT OF PAYMENT | (\$) | 3,900.00 | Attorney Docket No. | ASZD-P01-750 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 18-1945 Deposit Account Name: Ropes & Gray LLP
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | |
|--------------|--------------|-----------|---------------|---------------------------|---------------|
| 34 | - 20 = 14 | x 50.00 = | 700.00 | Fee (\$) | Fee Paid (\$) |
| | | | | 360.00 | 360.00 |

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|------------|---------------|
| 12 | - 3 = 9 | x 200.00 = | 1,800.00 |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| 27 | - 100 = | /50 (round up to a whole number) x | | |

4. OTHER FEE(S)

| | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) | |
| Other (e.g., late filing surcharge): | |
| 1631 Basic National Stage fee | 300.00 |
| 1632 National Stage search fee | 500.00 |
| 1633 National Stage examination fee | 200.00 |
| 8021 Recording each patent assignment, agreement or ... | 40.00 |
| 1615 National Stage claims - extra total (over twenty) | 700.00 |
| 1614 National Stage claims - extra independent (over ... | 1,800.00 |
| 1616 National Stage claims - multiple dependent | 360.00 |

SUBMITTED BY

| | | | | | |
|-------------------|-----------|-----------------------------------|------------------|-----------|----------------|
| Signature | | Registration No. (Attorney/Agent) | 53,217 | Telephone | (617) 951-7404 |
| Name (Print/Type) | Weishi Li | Date | January 14, 2005 | | |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323525906US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 1/14/05 Signature: Andrea Berlo (Andrea Berlo)

Application No. (if known): Not Yet Assigned

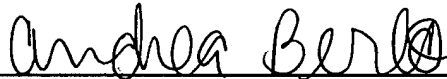
Attorney Docket No.: ASZD-P01-750

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV323525906US in an envelope addressed to:

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P.O. Box 1450
Alexandria, VA 22313-1450

on January 14, 2005
Date



Signature

Andrea Berlo

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 pages)
Application Data Sheet (3 pages)
Substitute specification (27 pages)
Marked-Up Specification (27 pages)
Oath or declaration of the inventor(s)
Assignment (3 pages)
Recordation Form Cover Sheet (1 page)
Transmittal Letter to the United States Designated-Elected Office (3 pages)
Sequence Listing (4 pages & disk)
Copy of PCT/GB2003/003067
Charge \$3,900.00 to deposit account 18-1945
Return receipt postcard